Report No. ATI51

Project Name: Amtrak North Yard	Project Number: 213402048
Validator: Jim Tezak	Laboratory: Eurofins/Lancaster Laboratory
Date Validated: 09/30/2019	Laboratory Project Number: 2015929 / ATI51
Sample Start-End Date: 12/05/2018	Laboratory Report Date: 12/17/2018

Parameters Validated:

VOCs by USEPA Method TO-15

Samples Validated:

RSE-H Grab Air, ELLE # 9927717

RM 200 Grab Air, ELLE # 9927718

Hallway Mail Grab Air, ELLE # 9927719

MECH-H Grab Air, ELLE # 9927720

RM 119 Grab Air, ELLE # 9927721

RM 100 Grab Air, ELLE # 9927722

Basement-2 Grab Air, ELLE # 9927723

Basement-1 Grab Air, ELLE # 9927724

AA-1 Grab Air, ELLE # 9927725

RM 242 Grab Air, ELLE # 9927726

Rm 129A Grab Air, ELLE # 9927727

VALIDATION CRITERIA CHECK

Validation Flags Applicable to this Review:

- U The analyte was analyzed for, but not detected above the reported sample quantitation limit.
- **J** The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- **J+** Result is estimated quantity but the result may be biased high.
- **J-** Result is estimated quantity but the result may be biased low.
- **UJ** The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- **NJ** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- **B** The analyte was detected in the method, field, and/or trip blank.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

1.	Were all the analyses requested for the samples submitted with each COC completed by the lab?	Yes X	No
Com	ments: None		
2.	Did the laboratory identify any non-conformances related to the analytical result?	Yes	No X
Com	ments: None		
3.	Were sample Chain-of-Custody forms complete?	Yes X	No
Com	ments: None		

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4. Were samples received in good condition and at the appropriate temperature?	Yes X	No
Comments: The laboratory's Sample Administration Receipt Documentation Locustody seals present on shipping containers.	og notes that the	ere were no
5. Were sample holding times met?	Yes X	No
Comments: None		
6. Were correct concentration units reported?	Yes X	No
Comments: None		
7. Were detections found in laboratory blank samples?	Yes	No X
Comments: None		
8. Were detections found in field blank, equipment rinse blank, and/or trip blank samples?	Yes	No X
Comments: One field blank sample, AA-1, was submitted with this sample delivery group (Starget analytes detected in the field blank.	SDG). There w	ere no
9. Were instrument calibrations within method criteria?	Yes	No
Comments: Not Applicable, Level II data validation.		
10. Were surrogate recoveries within control limits?	Yes	No
Comments: Not Applicable		
11. Were laboratory control sample(s) (LCS/LCSD) sample recoveries within control limits?	Yes X	No
Comments: None		
12. Were matrix spike (MS/MSD) recoveries within control limits?	Yes	No
Comments: Not applicable, site-specific MS/MSDs not analyzed.		
13. Were RPDs within control limits?	Yes X	No
Comments: LCS/LCSD RPDs were within acceptance criteria. Site-specific MS	S/MSDs were n	ot analyzed.
14. Were dilutions required on any samples?	Yes	No X
Comments: None		

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15.	Were Tentatively lo	dentified Compounds (TIC) presen	t?	Yes	No
Con	nments: Not Applical	ole			
16.	Were organic syste	em performance criteria met?	NA	Yes X	No
Con	nments: None				
17.	Were GC/MS inter	nal standards within method criteri	a? NA X	Yes	No
Con	nments: Not Applica	ble, Level II data validation.			
18.	Were inorganic sys	stem performance criteria met?	NA X	Yes	No
Con	nments: Not Applical	ble			
	Were blind field du cision (RPD) of the re	plicates collected? If so, discuss t esults.	he	Yes	No X
Con	nments: Not Applical	ole			
	Were at least 10 po Electronic Data Deliv	ercent of the hard copy results converable Results?	npared to	Yes No	Initials JET
follo	wing 11 analytes: tr	iverable for 62 VOC analytes. The ichloroethene; acetone; 2-butanor methylene chloride; pentane; tetra	e; 1,4-dichlorob	enzene; chloroform	
21.	Other?			Yes	No
All s Dela	aware Department o	ed according to the USEPA 2014 f Natural Resources Standard Ope zardous Substance Cleanup Act (I	rating Procedure	es for Chemical An	alytical
	PRECISION, ACC	URACY, METHOD COMPLIANCE	E AND COMPLE	TENESS ASSESS	SMENT
Pred	cision:	Acceptable X	Unacceptab	le Initials JET	
Con	nments: None	·			
Sen	sitivity:			le Initials	
		Acceptable X	Unacceptab	JET	
Con	nments: None	·	Unacceptab		
	nments: None uracy:	·	Unacceptab	JET	

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Representativeness:	Acceptable X	Unacceptable	Initials JET
Comments: None			
Method Compliance: Comments: None	Acceptable X	Unacceptable	Initials JET
Completeness:	Acceptable X	Unacceptable	Initials JET
Comments: None			